

# BAKER BOTTS LLP

100 ROCKEFELLER PLAZA  
44TH FLOOR  
NEW YORK, NEW YORK  
10112-4498  
212.705.5000  
FAX 212.705.5020

AUSTIN  
BAKU  
DALLAS  
HOUSTON  
LONDON  
MOSCOW  
NEW YORK  
WASHINGTON

Appln. Trans.  
PATENT

UTILITY PATENT  
APPLICATION  
TRANSMITTAL

(Only for new nonprovisional  
applications under 37 CFR 1.53(b))

Attorney Docket No. A33795

First Named Inventor Eshel Ben-Jacob

Express Mail Label No. EK839856590US

Total Pages 30



November 28, 2000

**BY EXPRESS MAIL** - Label No. EK839856590US

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

Sir:

Enclosed herewith for filing is a patent application of Eshel Ben-Jacob, Ziv Hermon, and Shay Caspi entitled  
A METHOD AND APPARATUS FOR DNA BASED SINGLE ELECTRON LOGICAL ELEMENTS

which includes:

<input checked="" type="checkbox"/> Specification	<u>16</u> Total Pages
<input checked="" type="checkbox"/> Claims	<u>3</u> Total Pages
<input checked="" type="checkbox"/> Abstract	<u>1</u> Total Pages
<input checked="" type="checkbox"/> Drawing(s)	<u>10</u> Total Sheets
<u>  </u> formal	
<input checked="" type="checkbox"/> informal	

☐ Combined Declaration and Power of Attorney        Total Pages

☐ Newly executed (original or copy)

☐ Copy from a prior application

        (for continuation/divisional only - must be filed to avoid surcharge for late filing)

If a continuing application, check appropriate box:

☐ Continuation      ☐ Divisional      ☐ Continuation-In-Part (CIP)

    of prior application No.       

☐ Amend the specification by inserting, before the first line, the following sentence:

    "This is a      ☐ continuation      ☐ divisional      ☐ continuation-in-part  
    of copending application Serial No.        filed       ."

Appln. Trans.  
PATENT

Attorney Docket No. A33795

- ☐ An Assignment of the invention to \_  
☐ is attached. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  
☐ will follow.  
☐ has been filed in the prior application
- ☒ Small Entity Statement(s) Status is Claimed.  
☐ Small Entity Statement filed in prior application. Status still proper and desired.
- ☐ Information Disclosure Statement (IDS) PTO-1449  
☐ Copies of IDS Citations.
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard
- ☐ Other \_
- ☐ Cancel in this application original claims \_ of the prior application before calculating the filing fee.

The filing fee has been calculated as shown below:

FOR	(Col. 1) No. Filed	(Col. 2) No. Extra	Small Entity Rate	Fee	OR	Other Than A Small Entity Rate	Fee
Basic Fee				\$355.00			
Total Claims	12	-20 = 0	x 9 =	\$0.00	x 18 =	\$0.00	
Ind. Claims	2	-3 = 0	x 40 =	\$0.00	x 80 =	\$0.00	
Multiple Dependent Claim			+ 135 =		+ 270 =		
			Total	<u>\$355.00</u>			<u>\$0.00</u>

\* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

Fee Payment Being Made:

☒ Enclosed

☒ Basic filing fee \$355.00

☐ Recording Assignment \$0.00  
 [\$40.00; 37 CFR 1.21(h)]

Total Fees Enclosed \$355.00

☒ A check in the amount of \$355.00 to cover filing fee and assignment recordation fee is enclosed.

Appln. Trans.  
PATENT

Attorney Docket No. A33795

Priority

☐ Priority of application Country \_ Appln. No. \_ filed \_ is claimed under 35 U.S.C. 119.

☐ Certified Copy of Priority Document(s) Country \_ Appln No. \_ filed \_

☐ is/are attached ☐ will follow ☐ has been filed in the parent application S/N \_.

☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR 1.16, 1.17, and 1.21(h) associated with this communication or credit any overpayment to Deposit Account No. 02-4377. Two copies of this sheet are enclosed.

BAKER BOTTS L.L.P.

By

Ronald B. Hildreth

PTO Registration No. 19,498

Enclosures